

[illegible][illegible]

Examiner Signature	T. Saidhe	Date Considered	2/16/06
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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Applicati n Numb r	continuation of 09/896,301
		Filing Date	
		First Named Inventor	Daniel J. Cosgrove
		Group Art Unit	1652
		Examiner Name	Saidha, T.
Sheet 2 of 3	Attorney Docket Number	P04666US8	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JCS	1	Bayer, E.A., et al., Current Opinion in Structural-Biology 8:548-557 (1998)	
	2	Broadwater, et al., "Zea m1, the maize homolog of the allergen-encoding Lol pl gene of rye grass; Gene. 131:227-230 (1993)	
	3	Cleland, R.E., Planta 170:379-385 (1987)	
	4	Cosgrove, D.J. et al. "Group I allergens of grass pollen as cell wall-loosening agents", Proc. Natl. Acad. Sci. USA 94:6559-6564 (1997)	
	5	Cosgrove, et al., "Role of expansin in cell enlargement of oat coleoptiles", Plant Physiol. 103:1321-1328 (1993)	
	6	Cosgrove, "Characterization of long-term extension of isolated cell walls from growing cucumber hypocotyls", Planta vol. 177:121-130 (1989)	
	7	Crowell, "Cytokinin regulation of a soybean pollen allergen gene", Plant Mol. Bio. 25:829-835 (1994)	
	8	Deutscher, M.P., Academic Press 1990, Guide to Protein Purification, pp. 174-193	
	9	Esch, et al., "Identification and Localization of Allergenic Determinants on Grss Group I Antigens Using Monoclonal Antibodies", J. Imm. 142(1):179-184 (1989)	
	10	Fry, Stephen C., Current Biology 4(9):815-817 (1994)	
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	12	Griffith, et al., "Cloning and sequencing of Lol, pl, the major allergenic protein of rye-grass pollen; FEBS 09407, vol 279(2):210-215 (1991)	
	13	Heslop-Harrison, et al., "The pollen-stigma interaction in the grasses", Acta Bot. Neercl. 34(2):193-211 (1985)	
	14	Heslop-Harrison, et al., "The pollen-stigma interaction in the grasses", Acta Bot. Neercl. 33(1):81-99 (1984)	
	15	Knox, et al., "Environmental and molecular biology of pollen allergens", Trends in Plant Science, Vol 1(5) 156-164 (1996)	
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	17	Li, Z-C et al., Planta 191:349-356 (1993)	
	18	McQueen-Mason et al., "Disruption of hydrogen bonding between plant cell wall polymers by proteins that induce wall extension", Proc. Natl. Acad. Sci. USA, 9:6574-6578 (1994)	
	19	McQueen-Mason et al., "Expansin Mode of Action on Cell Walls", Plant Physiol. 107:87-100 (1995)	
	20	McQueen-Mason et al., Planta 190:327-331 (1993)	
	21	McQueen-Mason et al., "Two endogenous proteins that induce cell wall extension in plants", The Plant Cell 4:1425-1433 (1992)	
	22	Merriam-Webster's Collegiate Dictionary, tenth ed., pp. 1236, 1027	
	23	Nishitani, K. and Tominaga R., J. Biol. Chem 267(29):21058-21064 (1992)	
	24	Patel, Praful, in "Biotechnology Applications and Research", eds., Charemisinoff, P.N. and Ouellette, R.P. pp. 534-562, Technomic Publishing Company, Inc., Lancaster, PA, (1985)	
JCS	25	Perez, et al., "cDNA cloning and immunological characterization of the rye grass allergen Lol p I", J. of Biol. Chem., vol 265(27):16210-16215 (1990)	

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JCS	26	Padlan, "Immunoglobulin fold", Encyclopedia of Immunology, Academic Press, Harcourt Brace Jovahovich, Publishers, pp. 827-833, 1992	
	27	Scopes, R.K., Chapter 3, Protein Purification, Principles and Practice, 2 <sup>nd</sup> Ed., pp. 41-54, Springer-Verlag, New York (1987)	
	28	Shcherban, T.Y. et al., "Molecular cloning and sequence analysis of expansins -- a highly conserved, multigene family of proteins that mediate cell wall extension in plants", Proc. Nat. Acad. Sci USA 92:9245-9249 (1995)	
	29	Sinnot, Botany Principles and Problems, 2 <sup>nd</sup> Ed., fifth impression, McGraww-Hil Book Co., Inc., New York and London 1929, p. 417 "The Spermatophyta".	
	30	Smith, et al., "Molecular Characterization of Group I Allergens of Grass Pollen, Pollen Biot. Chapter 7, pp: 124-143, 1996.	
	31	Staff, et al., "Cellular Localization of Water Soluble, Allergenic Proteins in Rye-Grass (Lolium perenne) Pollen using monoclonal and Specific IgE antibodies with immunogold probes", Histochemical J., Vol. 22:276-290 (1990)	
	32	Taiz, L. Proc. Natl. Acad. Sci. USA 91:7387-7389 (1994)	
	33	Taiz, L., Ann. Rev. Plant Physiol. 35:585-657 (1984)	
	34	Wu, et al., "Growth maintenance of the maize primary root at low water potentials involves increases in cell-wall extension properties, expansin activity, and wall susceptibility to expansins", Plant Physiol. 111:765-772 (1996)	
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